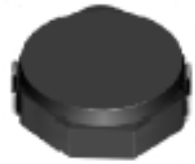
Type: CDPH4D19F

◆ Product Description

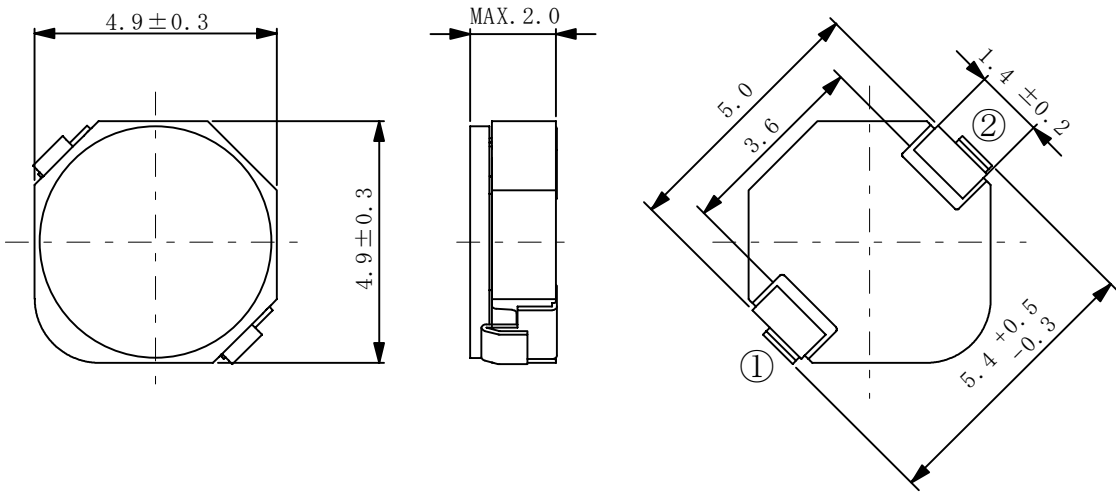


・5.2×5.2mm Max. (L×W), 2.0mm Max. height
・Inductance Range : 3.3～47 μH
・Rated Current Range : 0.36～1.5A
・In addition to the standard versions of inductors shown here, custom inductors are available to meet your exact requirement

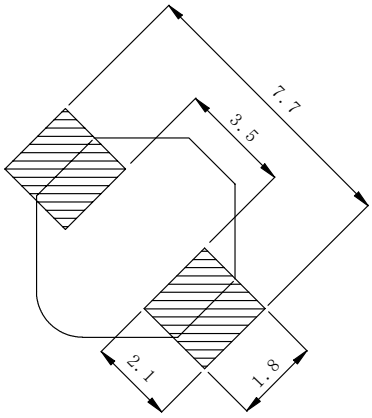
◆ Feature

・Magnetically shielded construction.
・Ideally Used in Notebook PC,MP3, Mobile Phone, DSC/DVC, etc as DC-DC Converter inductors.
・RoHS Compliance

◆ Dimensions (mm)



◆ Land Pattern (mm)



Type: CDPH4D19F

◆ Specification

Part Name ※	Stamp	Inductance ［Within］ 100kHz/1V	D.C.R.(mΩ) Max.(Typ.) (at 20℃)	Saturation current （A）※1	Temperature rise current (A)※2
CDPH4D19FNP-3R3MC	3R3	3.3μH±20%	33(26)	1.50	3.80
CDPH4D19FNP-4R7MC	4R7	4.7μH±20%	38(30)	1.15	3.30
CDPH4D19FNP-6R8MC	6R8	6.8μH±20%	50(40)	1.00	3.02
CDPH4D19FNP-8RØMC	8R0	8.0μH±20%	56(45)	0.90	2.68
CDPH4D19FNP-1ØØMC	100	10μH±20%	65(52)	0.80	2.32
CDPH4D19FNP-15ØMC	150	15μH±20%	95(75)	0.66	1.88
CDPH4D19FNP-22ØMC	220	22μH±20%	135(108)	0.54	1.44
CDPH4D19FNP-33ØMC	330	33μH±20%	200(160)	0.43	1.25
CDPH4D19FNP-47ØMC	470	47μH±20%	293(234)	0.36	1.03

※**Description of part name**

CDPH4D19FNP-3R3M□
- B Box
- C Carrier Tape

※1.Saturation Current: The DC current at which the inductance decreases to 65% of it's nominal value (Ta＝20℃)

※2 Temperature rise current: The DC current at which the temperature rise is △t＝40℃. (Ta＝20℃)